

Converting Colors

$Y_{xy}(48.9216, 0.2925, 0.2988)$

Have a look what the booklet for
Yxy(48.9216, 0.2925, 0.2988)
contains.

Yxy(48.7801, 0.2931, 0.2990)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(48.7801, 0.2931, 0.2990)

Conversions

Conversions Part 1

Format	Color
Hex	B6B8D0
RGB	182, 184, 208
RGB Percent	71%, 72%, 82%
CMY	0.2862, 0.2784, 0.1845
CMYK	0.12, 0.12, 0.00, 0.18
HSL	235°, 22%, 76%
HSV	235°, 12%, 82%
XYZ	47.8175, 48.7801, 66.5465
YIQ	186.1380, -8.8960, 7.0400

Conversions

Conversions Part 2

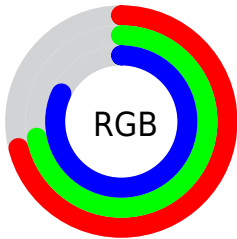
Format	Color
R _Y B	182, 184, 208
Decimal	11974864
CIE Lab	75.31, 4.07, -12.29
CIE LCh	75, 12.946, 288.328
Yxy	48.7801, 0.2931, 0.2990
Android (android.graphics.Color)	4290164944 (0xFFB6B8D0)
YUV	186.1380, 10.7780, -3.6290
Hunter-Lab	69.8428, -0.0155, -7.6019

Details

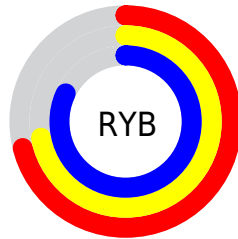
The Yxy color **48.7801, 0.2931, 0.2990** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.9204, 0.3315, 0.3573**, and the grayscale version is **49.1284, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.7173, 0.3025, 0.3141**, and **23.2328, 0.2872, 0.2901** is the 20% darker color. If you saturate the color by 10%, you get **38.9877, 0.2753, 0.2715**, and if you desaturate by 10%, it is **60.0366, 0.3091, 0.3234**.

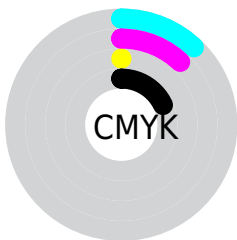
Distribution



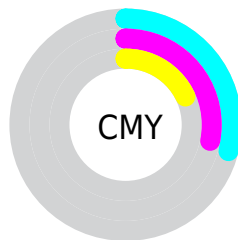
- Red (71%)
- Green (72%)
- Blue (82%)



- Red (71%)
- Yellow (72%)
- Blue (82%)



- Cyan (12%)
- Magenta (12%)
- Yellow (0%)
- Black (18%)



- Cyan (29%)
- Magenta (28%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.7801, 0.2931, 0.2990 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 48.7801, 0.2931, 0.2990 by changing the saturation by 10% instead.

■ 48.7801, 0.2931,
0.2990

■ 48.7801, 0.2931,
0.2990

381.8760, 0.3028,
0.3137

■ 34.4451, 0.2907,
0.2954

■ 88.3648, 0.2966,
0.3043

■ 23.2357, 0.2876,
0.2909

114.3832, 0.2980,
0.3063

■ 14.7677, 0.2835,
0.2849

145.0649, 0.2991,
0.3080

■ 8.6565, 0.2779,
0.2768

180.7942, 0.3000,
0.3094

■ 4.5178, 0.2696,
0.2651

221.9556, 0.3009,
0.3107

■ 1.9672, 0.2563,
0.2467

268.9334, 0.3016,

■ 0.5883, 0.2309,

0.3118

0.2063

322.1121, 0.3023,
0.3128

0.0000, 0.0000,
0.0000

48.7801, 0.2931,
0.2990

48.7801, 0.2931,
0.2990

38.9877, 0.2753,
0.2715

60.0366, 0.3091,
0.3234

30.5933, 0.2559,
0.2410

72.8074, 0.3232,
0.3448

23.5349, 0.2354,
0.2084

87.1481, 0.3355,
0.3633

17.7435, 0.2147,
0.1749

97.3324, 0.3406,
0.3751

13.1439, 0.1949,
0.1423

■ 9.6526, 0.1776,
0.1128

■ 7.1758, 0.1640,
0.0889

■ 5.6036, 0.1551,
0.0721

■ 4.9184, 0.1512,
0.0643

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



48.7801, 0.2819, 0.3025



48.7801, 0.2931, 0.2990



48.7801, 0.3098, 0.3031

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



48.7801, 0.2931, 0.2990



48.7801, 0.3480, 0.3431



48.7801, 0.2974, 0.3452

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



48.7801, 0.2931, 0.2990



60.9204, 0.3315, 0.3573

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



48.7801, 0.3148, 0.3569



48.7801, 0.2931, 0.2990



48.7801, 0.3443, 0.3551

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



48.7801, 0.2931, 0.2990



48.7801, 0.3419, 0.3280



48.7801, 0.3320, 0.3604



48.7801, 0.2843, 0.3290

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



48.7801, 0.2931, 0.2990



48.7801, 0.3219, 0.3095



48.7801, 0.3320, 0.3604



48.7801, 0.3029, 0.3498

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



48.7821, 0.2931, 0.2990



92.2512, 0.3067, 0.3198



59.4896, 0.2952, 0.3316



19.4430, 0.3055, 0.3180



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



48.7821, 0.2931, 0.2990



72.9440, 0.2885, 0.2919



49.3341, 0.3017, 0.2973



11.5603, 0.2982, 0.3068



3.1217, 0.1515, 0.0653



0.2262, 0.1561, 0.0820

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



50.3317, 0.3335, 0.3267



75.9065, 0.3388, 0.3261



60.3647, 0.3228, 0.3604



11.8226, 0.3279, 0.3273



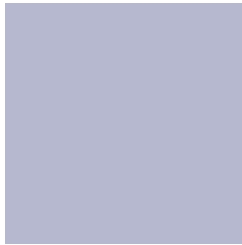
8.3864, 0.6310, 0.3250



0.4741, 0.6037, 0.3099

Previews

White Background



This preview shows how the Yxy color 48.7801, 0.2931, 0.2990 looks on a white background.

Color Contrast Check

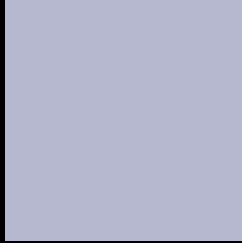
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 48.7801, 0.2931, 0.2990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

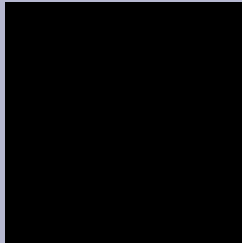
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

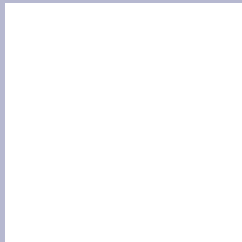
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.7801, 0.2931, 0.2990

Background



This preview shows how black text looks on a background with the Yxy color 48.7801, 0.2931, 0.2990.



This preview shows how white text looks on a background with the Yxy color 48.7801, 0.2931, 0.2990.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

48.7801, 0.2931, 0.2990

Protanopia

48.7801, 0.2931, 0.2990

Deuteranopia

48.8577, 0.3003, 0.2948



Tritanopia

48.6918, 0.2981, 0.3099

Trichromacy



Original Color

48.7801, 0.2931, 0.2990

Protanomaly

48.7801, 0.2931, 0.2990

Deuteranomaly

48.7507, 0.2970, 0.2957

Tritanomaly

48.8335, 0.2959, 0.3062

Monochromacy



Original Color

48.7801, 0.2931, 0.2990

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

48.9073, 0.3058, 0.3176

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.7801, 0.2931, 0.2990 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(182, 184, 208)` looks like.

```
.text, #text, p{  
    color:rgb(182, 184, 208)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(182, 184, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 184, 208) }
```

Border

The CSS property to change the border of an element to Yxy 48.7801, 0.2931, 0.2990 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(182, 184, 208) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(182, 184, 208) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(182, 184, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 184, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 184, 208);  
box-shadow:4px 4px 4px 4px rgb(182, 184,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 48.7801, 0.2931, 0.2990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 184, 208) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(182,  
184, 208) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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